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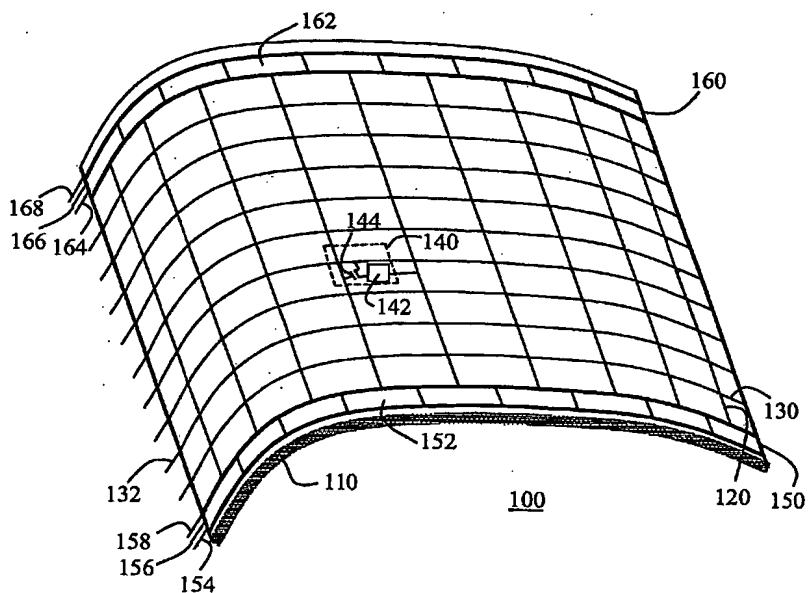
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(54) Title: DISPLAY DEVICE WITH FLEXIBLE SUBSTRATE AND SHIFT REGISTER



(57) Abstract: A matrix array display device (100) is mounted on a flexible substrate (110) such as a polyimide substrate, and has a plurality of first conductors (120) crossing a plurality of second conductors (130), with a plurality of pixels (140) being located in the vicinity of a crossing between a first conductor (120) and a second conductor (130). The display device (100) includes a flexible shift register (150) and an optional further flexible shift register (160) for addressing the first conductors (120). The flexible shift register (150), which preferably is realized using organic semiconductor materials, occupies a smaller area of the flexible substrate (110) than for instance a bus structure, thus increasing the effective display area of the display device (100).

WO 2005/017868 A1



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